ABSTRACT

A "loose ACK" method by which a radio access network of a
cellular network monitors wireless transmission of packets
according to a layered protocol including a radio layer (near
5   the physical layer) and an upper layer, the method including: a
step (23) of slow release--in what is called normal buffer
management--in which the upper layer removes from a buffer
maintained by the upper layer the oldest packet in the buffer
when the buffer is full and a new packet arrives, and does so
10   independently of whether the packet being removed has been
acknowledged by the radio layer of the terminal; and a step (24)
of local acknowledgement in which the radio layer sends an
acknowledgement to the upper layer on the occurrence of a
predetermined event. The local acknowledgement can trigger
15   either special mode buffer management or release of the buffer
to a target (entity or layer).